

DAY-AHEAD LOAD FORECASTING USING SUPERVISED DEEP LEARNING
TECHNIQUE WITH CONTEXTUAL FEATURE ENGINEERING AND
EXPLAINABLE ANALYSIS: A CASE STUDY OF THE SUT CAMPUS WITH PV
INTEGRATION

Suranaree University of Technology has approved this thesis submitted in
partial fulfillment of the requirements for a Master's Degree.

Thesis Examining Committee

Somchat Jiriwibhakorn

(Assoc. Prof. Dr. Somchat Jiriwibhakorn)

Chairperson

Keerati Chayakulkheeree

(Assoc. Prof. Dr. Keerati Chayakulkheeree)

Member (Thesis Advisor)

Nitikorn Junhuathon

(Asst. Prof. Dr. Nitikorn Junhuathon)

Member (Thesis Co-Advisor)

Thanatchai Kulworawanichpong

(Prof. Dr. Thanatchai Kulworawanichpong)

Member

Tosaphol Ratniyomchai

(Asst. Prof. Dr. Tosaphol Ratniyomchai)

Member

Yupaporn Ruksakulpiwat

(Assoc. Prof. Dr. Yupaporn Ruksakulpiwat)

Acting Vice Rector for Academic Affairs
and Quality Assurance

Pornsiri Jongkol

(Assoc. Prof. Dr. Pornsiri Jongkol)

Dean of Institute of Engineering